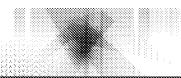


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## (WO/1988/004592) PROCESS AND DEVICE FOR CUTTING MATERIALS WITH A LASER BEAM

Biblio. Data Description Claims National Phase **Notices Documents** (846) Latest bibliographic data on file with the International Bureau WO/1988/004592 International Application No.: PCT/EP1987/000790 Pub. No.: **Publication Date:** 30.06.1988 International Filing Date: 16.12.1987 IPC: A61B 18/20 (2006.01), B23K 26/14 (2006.01), B23K 35/22 (2006.01), A61B 18/00 (2006.01), A61M 3/02 (2006.01) Applicants: AESCULAP-WERKE AG [DE/DE]; Möhringer Straße 125, D-7200 Tuttlingen (DE) (All Except US). WROBEL, Walter-Gerhard [DE/DE]; (DE) (US Only). Inventor: WROBEL, Walter-Gerhard; (DE). Agent: BÖHME, Ulrich; Höger, Stellrecht & Partner, Uhlandstraße 14c, D-7000 Stuttgart 1 (DE). Priority Data: P 36 43 284.9 18.12.1986 DE Title: PROCESS AND DEVICE FOR CUTTING MATERIALS WITH A LASER BEAM Abstract: In order to avoid accidental injuries of the operator or damage to the material being cut by means of a laser beam, a process is disclosed by which a compact jet of a liquid transparent to laser radiation is generated immediately before the outlet of the laser radiation from a light guide and directed towards the material to be cut. A device for implementing this process is also disclosed. Designated JP. US. States: European Patent Office (EPO) (AT, BE, CH, DE, FR, GB, IT, LU, NL, SE). Publication Language: German (DE)